



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:												
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	X	COUNTY: Alexander PERMIT NO.: SLAS-02-01 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: October 31, 2013

Date of Last Inspection: August 13, 2013

FACILITY NAME AND ADDRESS:

Gaither Barnes Septic Tank Service
 Jay Burke Road
 Taylorsville, North Carolina 28681

GPS COORDINATES: N: 36.00871 W: 81.10372

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Gaither Barnes
 Telephone: (828) 632-8495 or (828) 308-1334

FACILITY CONTACT ADDRESS:

2104 Daniels Lumber Road
 Taylorsville, North Carolina 28681

PARTICIPANTS:

Charles Gerstell, NCDENR-Solid Waste Section

STATUS OF PERMIT:

Active

PURPOSE OF SITE VISIT:

Routine

STATUS OF PAST NOTED VIOLATIONS:

N/A

OBSERVED VIOLATIONS

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 3

ADDITIONAL COMMENTS

1. This inspection was performed to collect soil samples from the septage land application field. A check was received for payment to the NCDA & CS.
2. A gate was provided at the entrance to the facility which was closed and latched upon arrival. The location of the gate and entrance had been slightly relocated to the west since the previous inspection.
3. As noted on the previous inspection report, the sign located at the entrance to the site needs to be repositioned in order for it to be seen from the new entrance road leading into the facility.
4. Access to the application area was well maintained at the time of inspection.
5. The application area is surrounded by an electrified barbed wire fence.
6. The disposal boundaries were clearly marked by the barbed wire fence.
7. Evidence was observed indicating that cows had recently been on the application field. No cows were found on the application field at the time of inspection. Permit Condition #2 states that no grazing shall occur on the disposal field at any time. Please ensure that cattle are kept off of the field while it is being used as a septage land application site.
8. Areas of heavy application were observed along the east and northern perimeters of the site. The material in these two areas was very thick, causing vegetation to be laid over. All waste in these areas must be raked up and spread. Application methods should be adjusted to ensure an even application of waste with no standing liquid or soil disturbance.
9. **15A NCAC 13B .0838(a)(18) states:** *Approved nutrient management plans shall be followed.*
 - The approved nutrient management plan for this site shows that no septage land application shall occur in the month of October to allow for the harvesting of hay on or about November 1st. Inspection on October 31st found that septage had recently been applied which does not comply with the approved nutrient management plan. However, hay had already been previously harvested.
 - The nutrient management plan must be followed as approved by the Permit to Operate. Therefore, no application of septage may occur in the months of April, July, or October as detailed in the approved plan. If circumstances occur that cannot be avoided, resulting in the need to apply in these months, it is recommended that the nutrient management plan be modified indicating that application during the subject months may be needed. Any modification would have to detail changes in application rates, and the plan must be submitted to the Solid Waste Section for approval.
10. Tall weeds were observed around the entire perimeter of the site along the fence line. It appeared that the weeds were encroaching on the land application field. It is recommended that steps be taken to control the weeds or contact your local Cooperative Extension Service for information on controlling invasive species.
11. Areas of brown and thinning cover continue to be observed on the northern portion of the site. These areas should be monitored to ensure that these areas remain stable with good groundcover.
12. No evidence of runoff or application outside of the approved area was observed.
13. No evidence of rutting was observed.
14. Some odors were observed in an area of recent septage application, but it did not appear to be prevalent beyond the furthest extent of the application field.
15. It appeared that all required setbacks were being maintained.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 3 of 3

Please contact me if you have any questions or concerns regarding this inspection report.



Phone: (704) 235-2144

Charles T. Gerstell
Environmental Senior Specialist
Regional Representative

Sent on: <u>11/6/13</u>		Email		Hand delivery	X	US Mail		Certified No. <u> </u>
-------------------------	--	-------	--	---------------	----------	---------	--	-------------------------

Copies: Jason Watkins, Western District Supervisor
Tony Gallagher, Composting and Land Application Branch Head
Elizabeth Patterson, Environmental Technician, Composting and Land Application Branch